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| <b>Form 1449 (Modified)</b><br><br><b>Information Disclosure Statement By Applicant</b><br><br>(Use Several Sheets if Necessary) | Atty Docket No. SRI1P022/US-4076-2<br>Application No.: 09/619,848<br>Applicant: Pelrine <i>et al.</i><br>Filing Date: July 20, 2000<br>Technology Center Group 274600 |
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| Examiner Initial | No. | Patent No. | Date     | Patentee                 | Class | Sub-class | Filing Date |
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| ABA              | A3  | 5,642,015  | 06/24/97 | Whitehead <i>et al.</i>  |       |           | 05/01/95    |
| KBT              | A4  | 5,835,453  | 11/10/98 | Wynne <i>et al.</i>      |       |           | 05/05/97    |

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| <i>[Signature]</i> | 9/8/01          |  |

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|  | Applicant:<br>Pelrine <i>et al.</i><br>Filing Date<br>July 20, 2000 | Group<br>2743  |

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|  | July 20, 2000         | 2743             |

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| LPB              | H1              | Wade, W. L., Jr., R. J. Mammone and M. Binder, "Increased Dielectric Breakdown Strengths Of Melt-Extruded Polyporpylene Films," <i>Polymer</i> , Vol. 34, No. 5, pp. 1093-4 (1993).   |
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## Form 1449 (Modified)

Information Disclosure  
Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No.  
SRI1P022/US-4076-2  
Applicant:  
Pelrine et al.  
Filing Date  
July 20, 2000

Application No.  
09/619,848

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| Examiner Initial | No.             | Author, Title, Date, Place (e.g. Journal) of Publication  |
|------------------|-----------------|---|
| VB               | 11              | Nguyen, T., Green, M., and Kornbluh, R., "Robotic Systems," in ONR Ocean, Atmosphere, and Space Fiscal Year 1999 Annual Reports (Dec. 1999)   |
| VB               | 12              | Pelrine, R., and J. Joseph, <i>FY 1992 Final Report on Artificial Muscle for Small Robots</i> , ITAD-3393-FR-93-063, SRI International, Menlo Park, California, March 1993  |
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| <b>Form 1449 (Modified)</b><br><br><b>Information Disclosure Statement By Applicant</b><br><br>(Use Several Sheets if Necessary) | Atty Docket No.<br>SRI1P022/US-4076-2                               | Application No.<br>09/619,848 | MAR 01 2001<br>Technology Center 2600 |
|  | Applicant:<br>Pelrine <i>et al.</i><br>Filing Date<br>July 20, 2000 | Group<br>2743                 |                                       |

**Other Documents**

| Examiner Initial | No.             | Author, Title, Date, Place (e.g. Journal) of Publication   |
|------------------|-----------------|--|
| KBP              | J1              | Kornbluh, R., Pelrine, R. Joseph, J., Pei, Q. and Chiba, S., "Ultra-High Strain Response of Elastomeric Polymer Dielectrics", Proc. Materials Res. Soc., Fall meeting, Boston, MA, pages 1-12, December 1999               |
| KBP              | J2              | Kornbluh, R., Pelrine, R., Eckerie, J., Joseph, J., "Electrostrictive Polymer Artificial Muscle Actuators", IEEE International Conference on Robotics and Automation, Leuven, Belgium, 1998                                |
| KBP              | J3              | Ajluni, Cheryl, "Pressure Sensors Strive to Stay on Top, New Silicon Micromachining Techniques and Designs Promise Higher Performance", <i>Electronic Design - Advanced Technology Series</i> , October 3, 1994, pp. 67-74 |
| KBP              | J4              | Anderson, R. A., "Mechanical Stress in a Dielectric Solid From a Uniform Electric Field", <i>The American Physical Society</i> , 1986, pp. 1302-1307   |
| KBP              | J5              | Ashley, S., "Smart Skis and Other Adaptive Structures", <i>Mechanical Engineering</i> , November 1995, pp. 77-81   |
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| KBP              | J7              | Jacobsen, S., Price, R., Wood, J., Rytting, T., and Rafaelof, M., "A Design Overview of an Eccentric-Motion Electrostatic Microactuator (the Wobble Motor)", <i>Sensors and Actuators</i> , 20 (1989) pages 1-16           |
| KBP              | J8              | Perline <i>et al.</i> , "Electroactive Polymer Transducers and Actuators", U.S. Patent Application No. 09/620,025, filed July 20, 2000, 58 pages   |
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